

## EPA Official Record

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**From:** Chris Hill <chris.hill@chk.com>

**To:** Robert Puls/ADA/USEPA/US@EPA

**Delivered Date:** 08/27/2011 07:12 PM EDT

**Subject:** Re: flowback/produced water sampling

Copy that!

From: Puls.Robert@epamail.epa.gov [mailto:Puls.Robert@epamail.epa.gov]

Sent: Saturday, August 27, 2011 05:46 PM

To: Chris Hill

Subject: flowback/produced water sampling

Chris

I wanted to make this clear so that there is not any misunderstanding. I expect CHK to write this section of the QAPP. Debbie and Nancy are the experts on this! I agree with everything they have written. We are in the process of trying to improve methods for glycols and also for Ra on high TDS waters. Hopefully we will have improvements before this sampling occurs.

Bob

Robert W. Puls, Ph.D.

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